

## VZ-200 BUG

To the VZ-200 hackers among us this short series of program statements crashes the VZ-200 (Version 2.0).

TO N=1 INPUTS FOR  
P=1 TO S: N=N+1  
P/(P+1): ? N: NEXT

RUN  
INPUT, 23 twice and the second time round the machine goes crazy.  
W Tritscher

P.S. If you pay me for the above, keep it and send it to the person who provides the ROM-patch routine.

AUGUST 85  
APC

APRIL 85  
APC  
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## VARIABLE VZ GOTO

IFA=10THEN100  
IFA=20THEN110  
IFA=30THEN120  
etc.

After calling the routine, the variable 'GT' holds the value of the line to GOTO.

To use, simply compute your line number to GOTO (or GOSUB) and having computed GT simply GOTO or GOSUB 2.

F Olsen

The following routine eliminates those massive if-then lists like:

0: GOTO 100

1: GOTO 200

2: GOTO 300

3: GOTO 400

4: GOTO 500

MUST LEAVE SPACE AND DO NOT ALTER THESE LINES

100: GOTO 100

200: GOTO 200

300: GOTO 300

400: GOTO 400

500: GOTO 500

## TRON/TROFF function for VZ-200

When debugging a Basic program, it is frequently useful to see exactly what sequence of instructions the

computer is interpreting. This is the function of the TRON (Trace ON) command found in many versions of Basic.

This command is not, however, directly available to the VZ-200 user and must be executed by POKEing directly to the screen. POKE 31003,173 enables

the TRON command POKE 31003,0 disables the command (enables TROFF)

The TRON function executes the program as in normal execution, but displays each line number within brackets as it is executed. This Trace is useful in following the program flow during debugging, especially in the case of conditional GOTOs or GOSUBs. Normal display data generated by PRINT or other commands will be interspersed with the Trace line numbers.

The POKE values can be entered directly from the command level and then RUNNING the programs, or they can be incorporated within the body of the program (especially useful if only a section of the program requires debugging).

The use of the CTRL and BREAK keys can be used at any time to stop the display for scrutiny. Entering the CONTINUE command will restart program execution.

I Thompson



'Apparently Big Brother isn't some new hardware but some character in a book.'

## VZ-200 correction

In the August issue of APC, Jay Batterson submitted a short program for printing a moving message across the screen with a VZ-200. I tried this program and it didn't work. I was a bit disappointed that you had published it without testing it first, so I left it alone for a while.

Recently I had occasion to use my computer for a message on the screen, so I

dug out the August issue and played around with the program until I found what was wrong with it.

So here is the same program with modifications to make it function:

```
5 CLS
10 A$="YOUR MESSAGE"
20 PRINT @ 480,
  LEFT$(A$,31);
30 PRINT CHR$(28);
40 FOR I=1 TO 60:NEXT
50 A$=MID$(A$,2)
  +LEFT$(A$,1): GOTO 20
```

I know this one works.

J Kelly

NOV 88  
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